

NEW YORK STATE THRUWAY AUTHORITY STANDARD SHEETS

NOTE: INDIVIDUAL STANDARD SHEETS IN THIS BOOK BECOME PART OF A CONTRACT BY REFERENCE TO THE SHEET NUMBER IN THE PROJECT PLANS OR PROPOSAL. THIS ENTIRE BOOK IS OFFICIALLY FINALIZED AND ADOPTED AS OF THE DATE SHOWN ON THIS COVER.



ANDREW M. CUOMO
Governor

**Thruway
Authority**

JOANNE M. MAHONEY
Chair


MATTHEW J. DRISCOLL
Executive Director

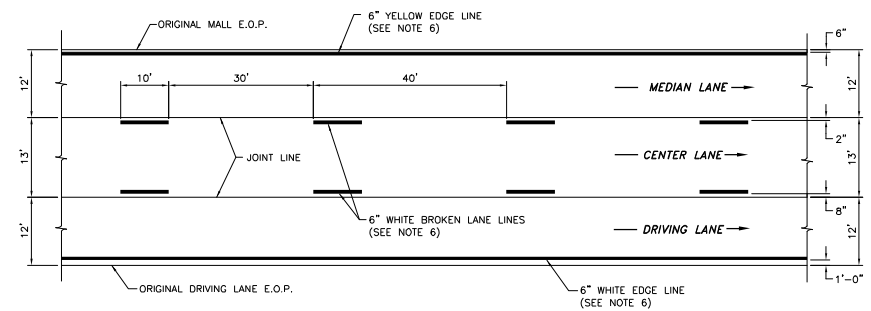
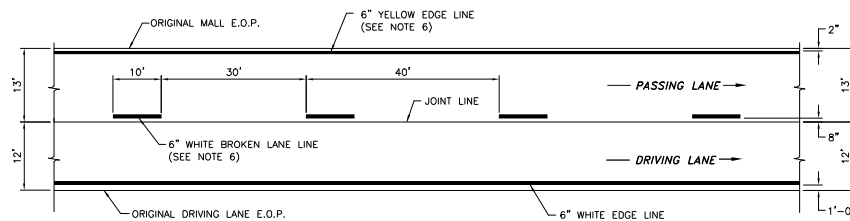
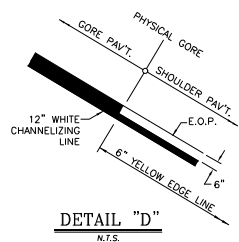
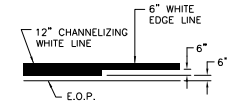
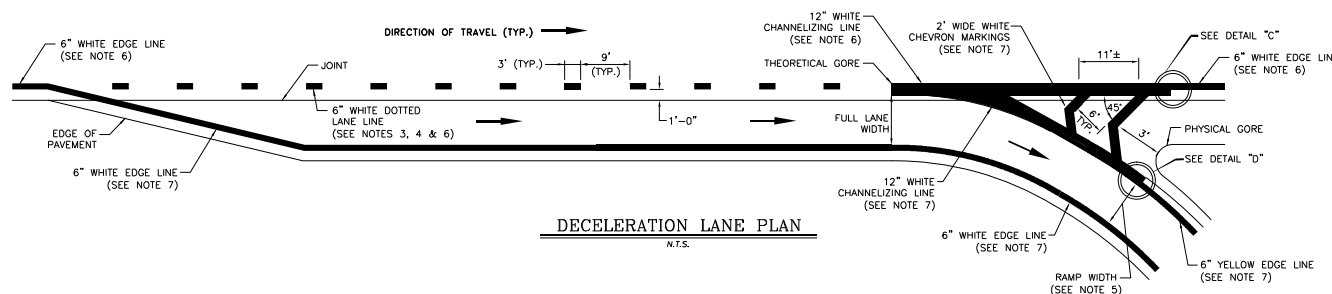
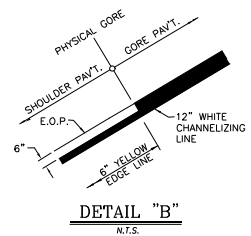
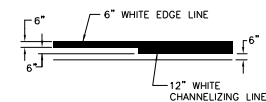
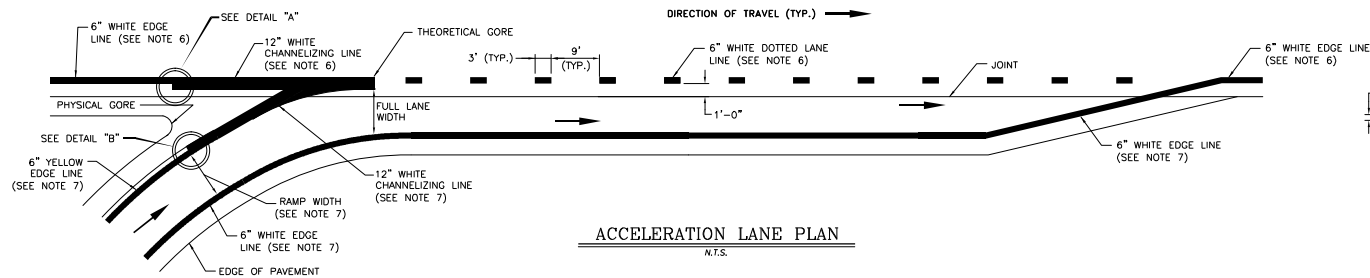
U.S. CUSTOMARY UNITS
DEPARTMENT OF ENGINEERING
OFFICE OF DESIGN SUPPORT SERVICES
January 1, 2021

New York State Thruway Authority Standard Sheets

SHEET NO.	SUBJECT	ISSUED BY	EFFECTIVE
TA 201-01	Clearing and Grubbing (Dwg. CG)	DB 18-006	01/01/2019
TA 203-01	Shoulder Backup 1R Projects (Dwg. SB)	DB 18-001	05/01/2018
TA 203-02	Slope Flattening Details	DB 17-001	07/01/2017
TA 402-01	Highway Pavement Repair Details (Dwg. PRD)	DB 20-002	09/01/2020
TA 402-02	Bridge Deck Wearing Course Resurfacing (Dwg. BDR)	EI 16-001	01/01/2017
TA 402-03	Overhead Bridge Underclearance Improvement (Dwg. BU)	DB 20-002	09/01/2020
TA 503-01	Culvert Extension Details	DB 17-006	01/01/2018
TA 505-01	Underdrain Details	DB 20-001	05/01/2020
TA 506-01	Modified Thrie Beam (Mod.) Guardrail (Dwg. GR-1)	DB 18-006	01/01/2019
TA 506-02	Vacant	DB 20-003	01/01/2021
TA 506-03	Corrugated Mediar Barrier to Corrugated Beam Guide Railing Transition Detail D (Dwg. GR-4)	DB 20-003	01/01/2021
TA 506-04	Box Beam to 42" Single Slope Half Section Concrete Barrier Pier Protection (Dwg. GR-5)	DB 18-005	11/01/2018
TA 506-05	HPBO (Mod.) Corrugated Beam to 42" Single Slope Half Section Concrete Barrier Pier Protection (Dwg. GR-6)	DB 18-005	11/01/2018
TA 506-06	Typical U-Turn Median Rail Layout and Roadway Transverse Section	DB 19-002	01/01/2020
TA 506-07	Modified Thrie Beam Guardrail with Rock Rail (Sheets 1-2)	DB 18-006	01/01/2019
TA 511-01	Living Snow Fences	EI 16-001	01/01/2017
TA 519-01	Work Zone Traffic Control Tables & Legend	EI 16-001	01/01/2017
TA 619-02	General Work Zone Traffic Control Notes & Channelizing Devices	DB 19-001	05/01/2019
TA 619-03	Shoulder Closure Short-Term or Intermediate-Term Stationary	DB 18-003	09/01/2018
TA 619-04	Shoulder Closure Short-Duration Stationary and Mobile	DB 18-003	09/01/2018
TA 619-05	Signing & Delineation for Shoulder Work Spaces with Temporary Concrete Barrier	DB 19-001	05/01/2019
TA 619-06	Work Beyond Shoulder	DB 18-005	11/01/2018
TA 619-07	Be Prepared to Stop and Uneven Lanes Signing	DB 19-001	05/01/2019
TA 619-08	Single Lane Closure Short- or Intermediate-Term Stationary: 65 MPH Zone	DB 19-001	05/01/2019
TA 619-09	Double Lane Closure Short- or Intermediate-Term Stationary: 65 MPH Zone	DB 19-001	05/01/2019
TA 619-10	Center Lane Closure Short- or Intermediate-Term Stationary: 65 MPH Zone	DB 19-001	05/01/2019
TA 619-11	Lane Shift: 65 MPH Zone	DB 19-001	05/01/2019
TA 619-12	Single Lane Closure Short- or Intermediate-Term Stationary: 55 MPH Zone	DB 19-001	05/01/2019
TA 619-13	Double Lane Closure Short- or Intermediate-Term Stationary: 55 MPH Zone	DB 19-001	05/01/2019
TA 619-14	Center Lane Closure Short- or Intermediate-Term Stationary: 55 MPH Zone	DB 19-001	05/01/2019
TA 619-15	Lane Shift: 55 MPH Zone	DB 19-001	05/01/2019
TA 619-16	Work Zone Traffic Control at Interchanges, Service Areas and Parking Areas	DB 19-001	05/01/2019
TA 619-17	Work Zone Traffic Control for Miscellaneous Operations	DB 19-001	05/01/2019
TA 619-18	Mobile Lane Closure	DB 19-001	05/01/2019
TA 619-19	Mobile Lane Closure: Narrow Shoulder Area	DB 19-001	05/01/2019
TA 619-20	Short-Duration Lane Closure	DB 19-001	05/01/2019
TA 619-21	Short-Duration Double Lane Closure	DB 19-001	05/01/2019
TA 619-22	Work Zone Traffic Control Guide for Pavement Striping Operations	DB 20-003	01/01/2021
TA 619-23	Mobile Lane Closure for Pavement Striping Operations	DB 19-001	05/01/2019
TA 619-24	Mobile Lane Closure for Pavement Striping Operations: Narrow Shoulder Area	DB 19-001	05/01/2019
TA 619-25	Work Zone Traffic Control for Pavement Striping Operations at Interchanges, Service Areas and Parking Areas	DB 19-001	05/01/2019
TA 619-26	Temporary Rock Catchment Barrier (Sheets 1-3)	DB 19-001	05/01/2019
TA 619-30	New York Division Traffic Management Tables (Sheets 1-25)	DB 20-003	01/01/2021
TA 619-31	Albany Division 1,150 Veh/Hr/Lane Traffic Management Tables (Sheets 1-18)	DB 18-003	09/01/2018
TA 619-32	Syracuse Division 1,150 Veh/Hr/Lane Traffic Management Tables (Sheets 1-18)	DB 18-003	09/01/2018
TA 619-33	Buffalo Division 1,150 Veh/Hr/Lane Traffic Management Tables (Sheets 1-37)	DB 18-003	09/01/2018
TA 619-34	Vacant	DB 17-001	01/01/2017
TA 619-35	Albany Division 1,300 Veh/Hr/Lane Traffic Management Tables (Sheets 1-18)	DB 18-003	09/01/2018
TA 619-36	Syracuse Division 1,300 Veh/Hr/Lane Traffic Management Tables (Sheets 1-18)	DB 18-003	09/01/2018
TA 619-37	Buffalo Division 1,300 Veh/Hr/Lane Traffic Management Tables (Sheets 1-37)	DB 18-003	09/01/2018
TA 625-01	ROW and Survey Markers	EI 16-001	01/01/2017
TA 645-01	Wrong Way Deterrence Sign	DB 18-003	09/01/2018
TA 646-01	Reference Marker Details (Sheets 1-2)	DB 18-006	01/01/2019
TA 670-01	Fiber Optic & Backbone Handhole Relocation Details	DB 17-001	07/01/2017
TA 580-01	Inductance Loop Installation	DB 18-001	05/01/2018
TA 580-02	Highway Advisory Radio (Sheets 1-9)	EI 16-001	01/01/2017
TA 585-01	Pavement Marking Details: Asphalt and Concrete Pavement (Sheets 1-2)	DB 18-001	05/01/2018
TA 585-02	Pavement Marking Details: Tapered Acceleration and Deceleration on Lanes	DB 18-005	11/01/2018
TA 585-03	Toll Island Gore and Crosswalk Striping Details	EI 16-001	01/01/2017
TA 585-04	Temporary Pavement Marking Details	DB 18-002	07/01/2018
TA 590-01	Loop and Treadle Plan (Sheets 1-2)	DB 17-001	07/01/2017
TA 590-02	Toll Lane Slab Reinforcement Plan	DB 17-001	07/01/2017
TA 590-03	10 ft Treadle Frame (Sheets 1-4)	DB 19-002	01/01/2020


The officially adopted New York State Thruway Authority Standard Sheets book is available on the Thruway Authority's website at:
<http://www.thruway.ny.gov/business/contractors/standard-sheets/index.shtml>

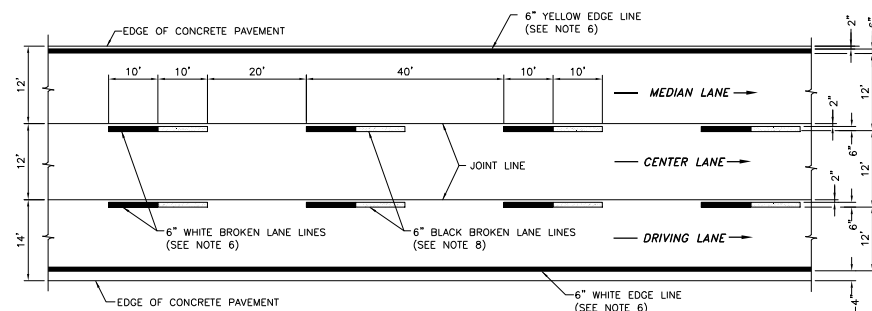
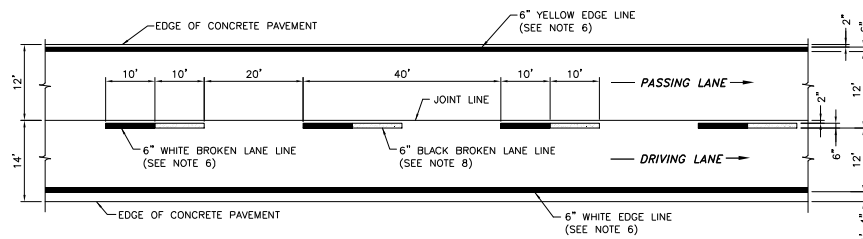
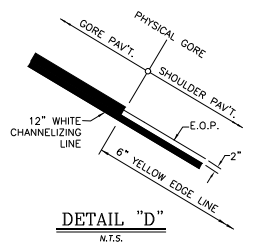
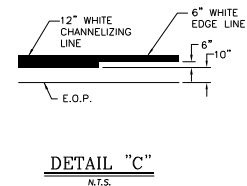
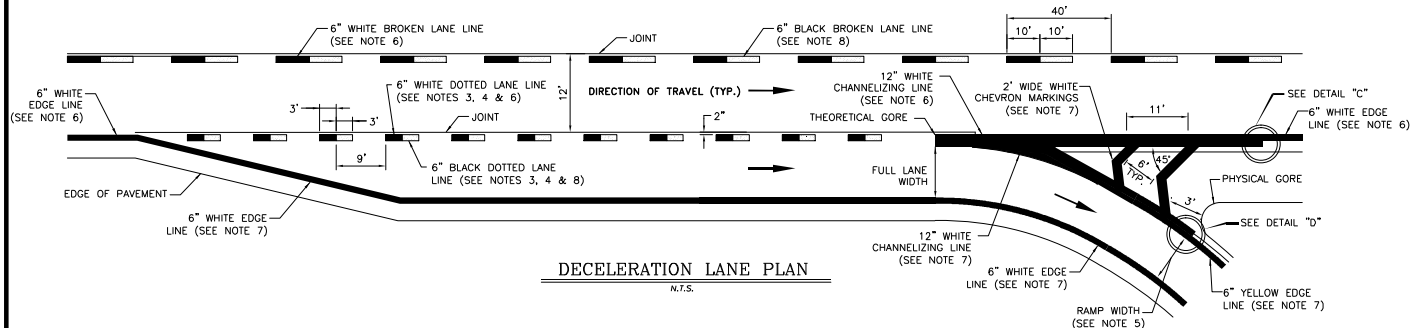
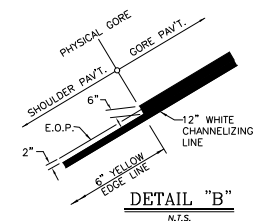
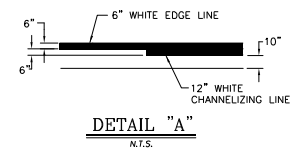
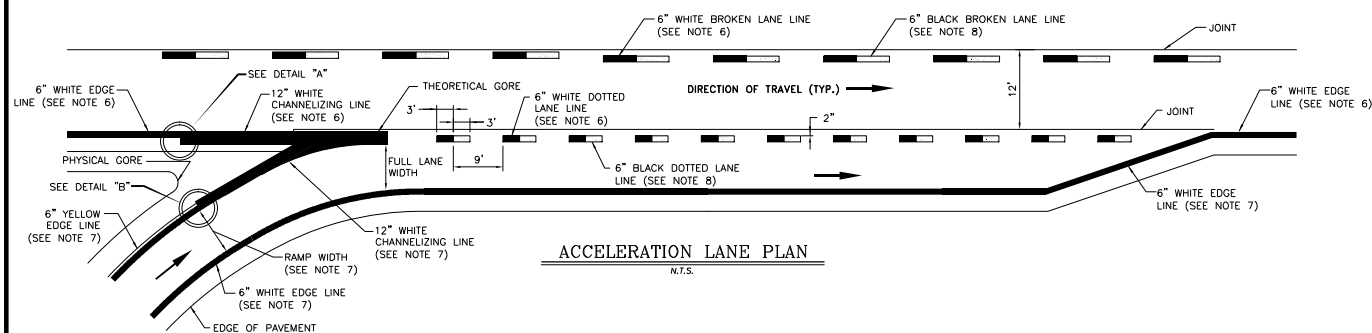
 Thruway Authority	
U.S. CUSTOMARY STANDARD SHEET	
INDEX OF STANDARD SHEETS ISSUED 01/01/2021	
APPROVED JANUARY 1, 2021 /S/ PATRICK THOMPSON, P.E. DIRECTOR DESIGN SUPPORT SERVICES BUREAU	ISSUED UNDER DB 20-003 I-1



NOTES:

1. WHEN THE CONTRACT DOES NOT REQUIRE REPAVING THE DECELERATION LANE GORE, THE EXISTING GORE (NEUTRAL) AREA MARKING PATTERN SHALL BE REPAINTED.
2. WHEN THE CONTRACT REQUIRES REPAVING THE DECELERATION LANE GORE, CHEVRON MARKINGS SHALL BE PLACED ON THE NEWLY PAVED GORE (NEUTRAL) AREAS AS SHOWN IN THE "DECELERATION LANE PLAN".
3. A 12-INCH WIDE DOTTED LANE LINE SHALL BE USED TO DISTINGUISH A LANE DROP FROM A NORMAL EXIT RAMP.
4. DOTTED LANE LINES USED IN ADVANCE OF LANE DROPS SHOULD BEGIN AT LEAST 1/2 MILE IN ADVANCE OF THE THEORETICAL GORE.
5. WHEN PAVEMENT MARKINGS ARE REMOVED ON RAMPS, THE CONTRACTOR SHALL NOTE THE EXISTING RAMP WIDTHS, AND PAVEMENT MARKING LOCATIONS AND REPLACE THE MARKINGS IN THE SAME LOCATION UNLESS OTHERWISE NOTED IN THE CONTRACT DOCUMENTS.
6. UNLESS OTHERWISE NOTED, ALL MAINLINE PAVEMENT MARKINGS SHALL BE HIGHLY REFLECTORIZED TRIPLE DROP EPOXY PAVEMENT STRIPES, INCLUDING RIGHT AND LEFT EDGE LINES, BROKEN LANE LINES, DOTTED LINES AND THE 12-INCH CHANNELIZING LINE ALONG THE MAINLINE SIDE OF THE GORE (NEUTRAL) AREA.
7. UNLESS OTHERWISE NOTED, ALL RAMP PAVEMENT MARKINGS SHALL BE EPOXY REFLECTORIZED PAVEMENT STRIPES, INCLUDING RIGHT EDGE LINE, SOLID AND BROKEN LANE LINES ON MULTIPLE-LANE RAMPS, CHEVRON MARKINGS IN NEUTRAL AREA, THE 12-INCH CHANNELIZING LINE ALONG THE RAMP SIDE OF THE GORE (NEUTRAL) AREA, AND THE LEFT EDGE LINE FOLLOWING/PRECEDING THE PHYSICAL GORE.

 Thruway Authority	
S.S. CUSTOMARY STANDARD SHEET	
PAVEMENT MARKING DETAILS SHEET 1 OF 2 ASPHALT PAVEMENT (DRAWING PMA-1)	
APPROVED MAY 1, 2018 /S/ PATRICK THOMPSON, P.E. DIRECTOR DESIGN SUPPORT SERVICES BUREAU	ISSUED UNDER DB 18-001 TA 685-01



NOTES:

1. WHEN THE CONTRACT DOES NOT REQUIRE REPAVING THE DECELERATION LANE GORE, THE EXISTING GORE (NEUTRAL) AREA MARKINGS SHALL BE REPAINTED.
2. WHEN THE CONTRACT REQUIRES REPAVING THE DECELERATION LANE GORE, CHEVRON MARKINGS SHALL BE PLACED ON THE NEWLY PAVED GORE (NEUTRAL) AREAS AS SHOWN IN THE "DECELERATION LANE PLAN".
3. A 12-INCH WIDE DOTTED LANE LINE SHALL BE USED TO DISTINGUISH A LANE DROP FROM A NORMAL EXIT RAMP.
4. DOTTED LANE LINES USED IN ADVANCE OF LANE DROPS SHOULD BEGIN AT LEAST 1/2 MILE IN ADVANCE OF THE THEORETICAL GORE.
5. WHEN PAVEMENT MARKINGS ARE REMOVED ON RAMPS, THE CONTRACTOR SHALL NOTE THE EXISTING RAMP WIDTHS AND PAVEMENT MARKING LOCATIONS AND REPLACE THE MARKINGS IN THE SAME LOCATION UNLESS OTHERWISE NOTED IN THE CONTRACT DOCUMENTS.

6. UNLESS OTHERWISE NOTED, ALL MAINLINE PAVEMENT MARKINGS SHALL BE HIGHLY REFLECTORIZED TRIPLE DROP EPOXY PAVEMENT STRIPES, INCLUDING RIGHT AND LEFT EDGE LINES, BROKEN LANE LINES, DOTTED LINES, AND THE 12-INCH CHANNELIZING LINE ALONG THE MAINLINE SIDE OF THE GORE (NEUTRAL) AREA.
7. UNLESS OTHERWISE NOTED, ALL RAMP PAVEMENT MARKINGS SHALL BE EPOXY REFLECTORIZED PAVEMENT MARKING STRIPES, INCLUDING RIGHT EDGE LINE, SOLID AND BROKEN LANE LINES ON MULTIPLE-LANE RAMPS, CHEVRON MARKINGS IN THE NEUTRAL AREA, THE 12-INCH CHANNELIZING LINE ALONG THE RIGHT SIDE OF THE GORE (NEUTRAL) AREA, AND THE LEFT EDGE LINE FOLLOWING/PRECEDING THE PHYSICAL GORE.
8. THE CONTRAST PAVEMENT MARKINGS SHALL BE BLACK EPOXY PAVEMENT STRIPES.



U.S. CUSTOMARY STANDARD SHEET

PAVEMENT MARKING DETAILS
SHEET 2 OF 2
CONCRETE PAVEMENT
(DRAWING PMC-1)

APPROVED MAY 1, 2018
/S/ PATRICK THOMPSON, P.E.
DIRECTOR DESIGN SUPPORT
SERVICES BUREAU

ISSUED UNDER DB 18-001
TA 685-01